UNDERGROUND
ENGINEERING &
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SOLUTIONS

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HALEY & ALDRICH

Letter of Transmittal

Date	29 April, 1998
File Number	94039.00 Task 1
From	Marjorie Piette

To	New Jersey Department of Environmental Protection BEECRA, P.O. Box 432 401 East State Street, Trenton, NJ 08625
Attention	Mr. Joseph Nowak
Copy to	A. William Nosil; Edward Hogan, Esq.
Subject	Hexcel Facility, Lodi, NJ

Copies	Date	Description
3	28 April 1998	Hexcel Progress Report

Remarks

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28 April 1998
File No. 94039T1

New Jersey Department of Environmental Protection
Bureau of Environmental Evaluation and Cleanup Responsibility Assessment
401 East State Street, CN 432
Trenton, NJ 08625

Attention: Joseph J. Nowak

Subject: Hexcel Corporation
Lodi Borough, Bergen County, New Jersey
ISRA Case No. 86009

Dear Mr. Nowak:

On behalf of Hexcel Corporation (Hexcel), the following is the progress report of activities carried out during January, February and March 1998. This quarterly report is prepared in accordance with the Industrial Site Recovery Act (ISRA) requirements for the former Hexcel facility in Lodi, New Jersey.

The following topics are discussed in this progress report:

1. Ground Water/DNAPL/LNAPL Monitoring
   a) Quarterly Monitoring
   b) Monthly Monitoring

2. Product Recovery Program
   a) DNAPL Recovery
   b) LNAPL Recovery

3. Ground Water Treatment System

4. Waste Disposal Documentation

5. Schedule and Cost Estimates

1. Ground Water/DNAPL/LNAPL Monitoring

This section includes the results of quarterly monitoring performed in January 1998 and monthly monitoring performed in February and March 1998. Modifications to the NJDEP-approved "Groundwater/DNAPL/LNAPL Monitoring Plan" prepared by Killam Associates

were presented in our progress report dated 24 October 1994. The modifications were approved by the NJDEP in its 12 June 1995 letter. Sections 1a and 1b provide details for quarterly and monthly monitoring, respectively.

1a. Quarterly Monitoring

Hexcel conducted quarterly ground water elevation, DNAPL and LNAPL monitoring on 6 January 1998, in accordance with the monitoring plan. Results of the quarterly monitoring are tabulated in Table I. Figures 1 and 2 illustrate shallow and deep ground water elevation contours, respectively. Contour Map Reporting Forms are included for each of the contour maps. Table II contains a summary of well construction data to accompany the Contour Map Reporting Form for Figure 1. Tables I and II, Figures 1 and 2 and the contour map reporting forms are included as Appendix A.

Replacement well MW-32B, installed in November 1997, was also included in the quarterly monitoring. MW-32B was surveyed on 23 March 1998 by a licensed surveyor; Form A and Form B for the well are included as Appendix B.

1b. Monthly Monitoring

In addition to the quarterly monitoring conducted in October, Hexcel conducted monthly DNAPL and LNAPL monitoring on 19 February and 3 March 1998 in accordance with the monitoring plan and modifications approved by the NJDEP in its 12 June 1995 letter. There were no modifications to the monthly monitoring plan in the first quarter of 1998.

Results for the February and March monthly monitoring are provided in Table III and Table IV respectively, located in Appendix C.

Hexcel will continue to perform monthly monitoring in accordance with the approved plan. Hexcel will report any modification to the monthly monitoring, by the addition and deletion of wells, in the progress reports.

2. Product Recovery Program

This section includes results for the temporary product recovery program currently being implemented at the site. The product recovery program, performed on a weekly basis, was initiated on 20 October 1994, and consists of recovering product from affected wells. After one month, the program's frequency was reduced to twice a month due to a reduction in the quantity of product recovered. Product recovery continued at the rate of at least twice a month through the week of 19 June 1995. In accordance with the NJDEP's 12 June 1995 letter, weekly product recovery was resumed the week of 26 June 1995.

In its 23 May 1996 letter, the NJDEP approved modifications to the weekly product recovery program for LNAPL and DNAPL. The modifications proposed by Hexcel changed the criteria for inclusion of wells in the weekly product recovery program. The modifications were communicated to the NJDEP in a letter dated 21 September 1995 and also in the October 1995 progress report. According to the modifications, any well which has no measurable recovery for three consecutive weekly recovery rounds will be moved to monthly monitoring and recovery. For the purposes of product collection, quantities greater than 0.1 gallon (approximately 1 cup) are considered to be measurable. Based on our experience, if the product interface meter does not signal the presence of product, then it is not possible to pump a significant amount of DNAPL from the well, even when DNAPL is observed on the probe. Therefore, DNAPL recovery is usually attempted only when there is a signal from the product interface meter indicating the presence of product.

2a. DNAPL Recovery

During the first quarter of 1998, DNAPL recovery was performed at monitoring well MW-6 and DNAPL was recovered twice. None of the other wells indicated presence of recoverable amounts of DNAPL. Product recovery was attempted every time the product interface probe indicated measurable product. Approximately 0.7 gallons of DNAPL was recovered from MW-6 during the first quarter of 1998. DNAPL recovery during this quarter is summarized in Table V, located in Appendix D.

2b. LNAPL Recovery

None of the wells indicated presence of LNAPL during the first quarter of 1998. LNAPL monitoring, conducted at the time of quarterly and monthly monitoring, is summarized in Table VI (Appendix D).

3. Ground Water Treatment System

Ground water, as basement seepage water, continues to be treated on-site and discharged to the Passaic Valley Sewerage Commissioners (PVSC) sewer line. This continues to depress the ground water in this area allowing for the recovery of contaminated ground water in the vicinity of the basement.

4. Waste Disposal Documentation

There were no disposal activities in the first quarter of 1998, therefore, there is no waste disposal documentation to be submitted with this progress report.

5. Schedule and Cost Estimates

Table VII located in Appendix E presents an updated estimate of the schedule of remaining remedial activities. There has been no change to date in the estimate of cleanup costs.

We will continue to submit quarterly progress reports according to the schedule. Please call us if you have any questions regarding the above.

Sincerely yours,
HALEY & ALDRICH, INC.

Marjorie A. Piette
Project Manager

Enclosures
c: A. William Nosil
Edward Hogan, Esq.

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Appendix A

Quarterly Monitoring

Table I: Quarterly Water Level/Product Thickness Measurements (1/6/98)

Table II: Well Construction Data

Contour Map Reporting Form for Figure 1

Figure 1: Shallow Ground Water Elevation Contours on 1/6/98

Contour Map Reporting Form for Figure 2

Figure 2: Deep Ground Water Elevation Contours on 1/6/98

TABLE I

QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (1/6/98)
HEXCEL FACILITY
LODI, NEW JERSEY

-All measurements in feet -
-All elevations in feet (NGVD)-

Well ID	Type	Depth to Water (1/6/98)	Depth to Product		Product Thickness	Depth to Bottom (1/6/98)	Elevation Top of Casing	Water Elevation	Well Construction		Comments
			DNAPL	LNAPL					Type	Casing	
RW Series:											
RW1-1	shallow	5.05	--	--	--	14.29	28.24	23.19	flush	s.steel	
RW6-1	shallow	3.50	--	--	--	13.74	28.84	25.34	flush	s.steel	Product on probe (DNAPL)**.
RW6-2	shallow	3.69	--	--	--	14.81	29.34	25.65	flush	s.steel	Sediment on probe.
RW6-3	shallow	3.98	--	--	--	5.44	28.72	24.74	flush	s.steel	
RW7-1	shallow	6.04	--	--	--	16.64	26.25	20.21	flush	s.steel	Product on probe (DNAPL)**.
RW7-2	shallow	6.25	--	--	--	16.82	26.48	20.23	flush	s.steel	Sediment on probe.
RW7-3	shallow	6.48	--	--	--	17.28	26.78	20.30	flush	s.steel	Sediment on probe.
RW7-4	shallow	6.80	--	--	--	19.11	27.11	20.31	flush	s.steel	Product on probe (DNAPL)**.
RW7-5	shallow	7.40	--	--	--	19.38	27.57	20.17	flush	s.steel	Product on probe (DNAPL)**.
RW7-6	shallow	6.93	--	--	--	14.99	26.48	19.55	flush	s.steel	
RW7-7	shallow	6.89	--	--	--	14.86	26.89	20.00	flush	s.steel	Sediment on probe.
RW7-8	shallow	5.46	--	--	--	14.97	25.90	20.44	flush	s.steel	
RW7-9	shallow	6.92	--	--	--	16.17	26.87	19.95	flush	s.steel	Sediment on probe
RW7-10	shallow	7.11	--	--	--	14.19	26.10	18.99	flush	s.steel	
RW15-1	shallow	6.99	--	--	--	14.93	29.95	22.96	flush	s.steel	
RW15-2	shallow						30.15		flush	s.steel	Well not included in quarterly monitoring plan.

TABLE I

QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (1/6/98)

HEXCEL FACILITY

LODI, NEW JERSEY

-All measurements in feet -

-All elevations in feet (NGVD)-

Well ID	Type	Depth to Water (1/6/98)	Depth to Product		Product Thickness	Depth to Bottom (1/6/98)	Elevation Top of Casing	Water Elevation	Well Construction		Comments
			DNAPL	LNAPL					Type	Casing	
P Series:											
P-1	shallow	6.65	--	--	--	9.45	30.09	23.44	flush	1.5" pvc	
P-2	shallow	WA	--	--	--	WA	30.19	WA	flush	1.5" pvc	Well was sealed on March 29, 1996.
PI Series:											
PI-1	deep						26.90		flush	8" s.steel	Well not included in quarterly monitoring plan.
CW Series:											
CW-1	shallow	7.05	--	--	--	11.46	29.77	22.72	flush	s.steel	
CW-2	shallow						29.51		flush	s.steel	Well not included in quarterly monitoring plan.
CW-3	shallow						29.72		flush	s.steel	Recovery well; not included in monitoring plan.
CW-4	shallow	6.00	--	--	--	10.97	28.83	22.83	flush	s.steel	
CW-5	shallow						28.67		flush	s.steel	Recovery well; not included in monitoring plan.
CW-6	shallow						28.93		flush	s.steel	Well not included in quarterly monitoring plan.
CW-7	shallow	7.64	--	--	--	14.01	26.13	18.49	flush	s.steel	
CW-8	shallow	8.21	--	--	--	13.91	26.77	18.56	flush	s.steel	
CW-9	shallow						26.37		flush	s.steel	Recovery well; not included in monitoring plan.
CW-10	shallow	6.41	--	--	--	10.25	25.91	19.50	flush	s.steel	

TABLE I

QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (1/6/98)
HEXCEL FACILITY
LODI, NEW JERSEY

-All measurements in feet -
-All elevations in feet (NGVD)-

Well ID	Type	Depth to Water (1/6/98)	Depth to Product		Product Thickness	Depth to Bottom (1/6/98)	Elevation Top of Casing	Water Elevation	Well Construction		Comments
			DNAPL	LNAPL					Type	Casing	
CW Series (continued):											
CW-11	shallow						25.74		vaultbox	s.steel	Recovery well; not included in monitoring plan.
CW-12	shallow	7.06	--	--	--	13.94	25.71	18.65	flush	s.steel	Product on probe (DNAPL)**.
CW-13	shallow						26.05		flush	s.steel	Well not included in quarterly monitoring plan.
CW-14	shallow	7.63	--	--	--	13.90	26.37	18.74	flush	s.steel	
CW-15	shallow						26.31		flush	s.steel	Recovery well; not included in monitoring plan.
CW-16	shallow	7.52	--	--	--	13.93	26.45	18.93	flush	s.steel	Product on probe (DNAPL)**.
CW-17	shallow	6.85	--	--	--	13.95	26.25	19.40	flush	s.steel	Sediment on probe.
CW-18	shallow						26.61		flush	s.steel	Recovery well; not included in monitoring plan.
CW-19	shallow						26.50		flush	s.steel	Well not included in quarterly monitoring plan.
CW-20	shallow						26.74		flush	s.steel	Well not included in quarterly monitoring plan.
CW-21	shallow						26.77		flush	s.steel	Recovery well; not included in monitoring plan.
CW-22	shallow						26.35		flush	s.steel	Well not included in quarterly monitoring plan.
MW Series:											
MW-1	deep	9.94	--	--	--	23.54	32.42	22.48	stickup	pvc	
MW-2	shallow	7.84	--	--	--	10.25	31.00	23.16	stickup	pvc	
MW-3	deep	10.30	--	--	--	30.78	31.13	20.83	stickup	pvc	
MW-4	shallow	7.88	--	--	--	9.89	32.33	24.45	stickup	pvc	
MW-5	deep	11.11	--	--	--	28.34	32.54	21.43	stickup	pvc	

TABLE I

QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (1/6/98)

HEXCEL FACILITY

LODI, NEW JERSEY

-All measurements in feet -

-All elevations in feet (NGVD)-

Well ID	Type	Depth to Water (1/6/98)	Depth to Product		Product Thickness	Depth to Bottom (1/6/98)	Elevation Top of Casing	Water Elevation	Well Construction		Comments
			DNAPL	LNAPL					Type	Casing	
MW Series (continued):											
MW-6	shallow	10.23	--	--	--	18.44	30.74	20.51	stickup	pvc	Product on probe (DNAPL)**.
MW-7	deep	9.61	--	--	--	32.91	30.68	21.07	stickup	pvc	
MW-8	shallow	11.76	--	--	--	17.35	30.26	18.50	stickup	pvc	Product on probe (DNAPL)**.
MW-9	deep	8.76	--	--	--	29.59	29.83	21.07	stickup	pvc	
MW-10	shallow	12.38	--	--	--	16.75	30.83	18.45	stickup	pvc	
MW-11	deep	9.98	--	--	--	33.54	30.78	20.80	stickup	pvc	
MW-12	shallow	10.46	--	--	--	17.21	31.01	20.55	stickup	pvc	
MW-13	deep	9.67	--	--	--	33.22	31.16	21.49	stickup	pvc	
MW-14	shallow	11.33	--	--	--	15.60	30.70	19.37	stickup	pvc	
MW-15	deep	8.81	--	--	--	25.62	30.77	21.96	stickup	pvc	
MW-16	shallow	6.77	--	--	--	12.64	29.69	22.92	stickup	pvc	
MW-17	shallow	9.17	--	--	--	14.09	31.44	22.27	stickup	pvc	Sediment on probe.
MW-18	shallow	8.82	--	--	--	11.36	32.23	23.41	stickup	pvc	
MW-19	deep	7.08	--	--	--	26.60	29.08	22.00	stickup	pvc	
MW-20	shallow	5.19	--	--	--	20.05	27.95	22.76	flush	pvc	
MW-21	shallow	8.59	--	--	--	15.11	30.67	22.08	stickup	pvc	
MW-22	shallow	5.60	--	--	--	8.25	28.45	22.85	flush	pvc	
MW-23	shallow	4.28	--	--	--	9.62	27.51	23.23	flush	pvc	
MW-24	shallow	3.54	--	--	--	9.63	26.51	22.97	flush	pvc	
MW-25	shallow	7.14	--	--	--	12.75	26.03	18.89	flush	pvc	

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TABLE I

QUARTERLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS (1/6/98)
HEXCEL FACILITY
LODI, NEW JERSEY

-All measurements in feet -
-All elevations in feet (NGVD)-

Well ID	Type	Depth to Water (1/6/98)	Depth to Product		Product Thickness	Depth to Bottom (1/6/98)	Elevation Top of Casing	Water Elevation	Well Construction		Comments
			DNAPL	LNAPL					Type	Casing	
MW Series (continued):											
MW-26	(a)	8.36	--	--	--	17.93	28.85	20.49	flush	2" pvc	
MW-27	shallow	7.03	--	--	--	12.51	31.43	24.40	stickup	pvc	
MW-28	shallow	10.34	--	--	--	14.82	29.68	19.34	stickup	pvc	
MW-29	shallow	4.07	--	--	--	9.35	27.32	23.25	flush	pvc	Sediment on probe.
MW-30	shallow	5.22	--	--	--	10.47	28.08	22.86	flush	pvc	
MW-31	shallow	4.80	--	--	--	10.63	27.95	23.15	flush	pvc	
MW-32B	shallow	8.17	--	--	--	11.10	31.23	23.06	flush	pvc	
MW-33	shallow	9.78	--	--	--	16.94	31.72	21.94	stickup	pvc	
PB Series:											
PB-1	shallow	0.50	--	--	--	4.84	21.78	N/A	stickup	2" g.steel	
PB-2	shallow	1.16	--	--	--	5.82	21.25	20.09	stickup	2" g.steel	Product on probe (DNAPL)**; Sediment on probe.
PB-4	shallow	2.15	--	--	--	5.16	21.52	19.37	stickup	2" g.steel	

NOTES: All measurements of depths are from the top of casing unless otherwise noted. All wells are 4" diameter unless otherwise noted.

--: Not detected by product interface meter.

N/A : Measurements not available.

(a): Ground water elevation data from MW-26 have been excluded from both shallow and deep aquifer contours; refer to Section 1a of the April 1996 Report for details.

*: In wells with LNAPL, water levels are corrected using the equation: DTW (corrected) = DTW (measured) - (Product thickness * specific gravity). Specific gravity of 0.88 used for water level correction (petroleum lubricating oil).

**: Though the product interface meter did not register presence of product in the well, product was observed on the probe.

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TABLE II
WELL CONSTRUCTION DATA
HEXCEL FACILITY
LODI, NEW JERSEY

-All measurements in feet -
-All elevations in feet (NGVD)

Well ID	Type	Ground Elevation	Elevation Top of Casing	Length of Screen	Elevation Top of Screen	Depth to Water (1/6/98)	Water Elevation (1/6/98)	Well Construction Type	Well Construction Casing	Installation Date	Installation By	Water Table Elv. > Top of Screen Elv.
RW Series:												
RW1-1	shallow	28.67	28.24	10	23.67	5.88	22.36	flush	s.steel	10/91	Heritage	No
RW6-1	shallow	29.28	28.84	5	20.28	3.75	25.09	flush	s.steel	8/90	Heritage	Yes
RW6-2	shallow	U	29.34	5	U	3.96	25.38	flush	s.steel	8/90	Heritage	U
RW6-3	shallow	29.02	28.72	5	27.52	4.21	24.51	flush	s.steel	8/90	Heritage	No
RW7-1	shallow	26.94	26.25	5	13.94	6.38	19.87	flush	s.steel	8/90	Heritage	Yes
RW7-2	shallow	27.07	26.48	5	14.57	6.85	19.63	flush	s.steel	8/90	Heritage	Yes
RW7-3	shallow	27.17	26.78	5	14.67	7.10	19.68	flush	s.steel	8/90	Heritage	Yes
RW7-4	shallow	27.60	27.11	5	13.60	7.42	19.69	flush	s.steel	8/90	Heritage	Yes
RW7-5	shallow	27.97	27.57	5	12.97	8.02	19.55	flush	s.steel	9/90	Heritage	Yes
RW7-6	shallow	27.10	26.48	5	17.10	7.50	18.98	flush	s.steel	9/90	Heritage	Yes
RW7-7	shallow	27.25	26.89	5	17.25	7.47	19.42	flush	s.steel	9/90	Heritage	Yes
RW7-8	shallow	26.71	25.90	5	16.71	9.04	16.86	flush	s.steel	9/90	Heritage	Yes
RW7-9	shallow	27.18	26.87	5	15.18	7.58	19.29	flush	s.steel	2/91	Heritage	Yes
RW7-10	shallow	26.50	26.10	5	16.50	7.76	18.34	flush	s.steel	2/91	Heritage	Yes
RW15-1	shallow	30.43	29.95	10	25.68	8.00	21.95	flush	s.steel	8/90	Heritage	No
RW15-2	shallow	30.37	30.15	10	26.37			flush	s.steel	8/90	Heritage	NI

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TABLE II
WELL CONSTRUCTION DATA
HEXCEL FACILITY
LODI, NEW JERSEY

-All measurements in feet -
-All elevations in feet (NGVD)

Well ID	Type	Ground Elevation	Elevation Top of Casing	Length of Screen	Elevation Top of Screen	Depth to Water (1/6/98)	Water Elevation (1/6/98)	Well Construction Type	Well Construction Casing	Installation Date	Installation By	Water Table Elv. > Top of Screen Elv.
P Series:												
P-1	shallow	U	30.09	U	U	7.62	22.47	flush	1.5" pvc	U	U	U
PI Series:												
PI-1	deep	U	26.90	U	U			flush	8" s.steel	10/91	Heritage	^
CW Series:												
CW-1	shallow	30.27	29.77	5	23.27	7.72	22.05	flush	s.steel	9/90	Heritage	No
CW-2	shallow	30.11	29.51	5	23.11			flush	s.steel	9/90	Heritage	NI
CW-3	shallow	U	29.72	5	U			flush	s.steel	9/90	Heritage	NI
CW-4	shallow	29.10	28.83	5	22.60	6.69	22.14	flush	s.steel	7/90	Heritage	No
CW-5	shallow	28.89	28.67	5	22.39			flush	s.steel	7/90	Heritage	NI
CW-6	shallow	29.25	28.93	5	25.25			flush	s.steel	9/90	Heritage	NI
CW-7	shallow	26.70	26.13	5	17.70	8.31	17.82	flush	s.steel	8/90	Heritage	Yes
CW-8	shallow	26.70	26.77	5	17.70	8.70	18.07	flush	s.steel	8/90	Heritage	Yes
CW-9	shallow	26.60	26.37	5	17.60			flush	s.steel	8/90	Heritage	NI
CW-10	shallow	26.50	25.91	5	17.50	7.75	18.16	flush	s.steel	8/90	Heritage	Yes

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TABLE II
WELL CONSTRUCTION DATA
HEXCEL FACILITY
LODI, NEW JERSEY

-All measurements in feet -
-All elevations in feet (NGVD)

Well ID	Type	Ground Elevation	Elevation Top of Casing	Length of Screen	Elevation Top of Screen	Depth to Water (1/6/98)	Water Elevation (1/6/98)	Well Construction Type	Well Construction Casing	Installation Date	Installation By	Water Table Elv. > Top of Screen Elv.
CW Series (continued):												
CW-11	shallow	26.60	25.74	5	17.60			vaultbox	s.steel	8/90	Heritage	NI
CW-12	shallow	26.51	25.71	5	17.51	7.61	18.10	flush	s.steel	8/90	Heritage	Yes
CW-13	shallow	26.60	26.05	5	17.60			flush	s.steel	8/90	Heritage	NI
CW-14	shallow	26.70	26.37	5	17.70	8.30	18.07	flush	s.steel	8/90	Heritage	Yes
CW-15	shallow	26.90	26.31	5	17.90			flush	s.steel	8/90	Heritage	NI
CW-16	shallow	27.00	26.45	5	18.00	8.40	18.05	flush	s.steel	8/90	Heritage	Yes
CW-17	shallow	27.10	26.25	5	18.10	7.54	18.71	flush	s.steel	8/90	Heritage	Yes
CW-18	shallow	27.20	26.61	5	18.20			flush	s.steel	8/90	Heritage	NI
CW-19	shallow	27.20	26.50	5	18.20			flush	s.steel	8/90	Heritage	NI
CW-20	shallow	27.30	26.74	5	18.30			flush	s.steel	8/90	Heritage	NI
CW-21	shallow	27.40	26.77	5	18.40			flush	s.steel	8/90	Heritage	NI
CW-22	shallow	27.30	26.35	5	18.30			flush	s.steel	8/90	Heritage	NI
MW Series:												
MW-1	deep	29.03	32.42	5	13.88	10.65	21.77	stickup	pvc	7/88	Environ	^
MW-2	shallow	27.90	31.00	5	26.13	8.91	22.09	stickup	pvc	8/88	Environ	No
MW-3	deep	27.84	31.13	5	5.30	11.18	19.95	stickup	pvc	8/88	Environ	^
MW-4	shallow	29.02	32.33	5	27.49	8.36	23.97	stickup	pvc	8/88	Environ	No
MW-5	deep	29.03	32.54	5	9.12	12.02	20.52	stickup	pvc	8/88	Environ	^

TABLE II
WELL CONSTRUCTION DATA
HEXCEL FACILITY
LODI, NEW JERSEY

-All measurements in feet -
-All elevations in feet (NGVD)

Well ID	Type	Ground Elevation	Elevation Top of Casing	Length of Screen	Elevation Top of Screen	Depth to Water (1/6/98)	Water Elevation (1/6/98)	Well Construction Type	Well Construction Casing	Installation Date	Installation By	Water Table Elv. > Top of Screen Elv.
MW Series (continued):												
MW-6	shallow	27.14	30.74	10	22.12	10.69	20.05	stickup	pvc	8/88	Environ	No
MW-7	deep	27.18	30.68	5	2.55	10.58	20.10	stickup	pvc	7/88	Environ	^
MW-8	shallow	26.92	30.26	10	22.98	12.41	17.85	stickup	pvc	8/88	Environ	No
MW-9	deep	26.89	29.83	5	5.09	9.76	20.07	stickup	pvc	7/88	Environ	^
MW-10	shallow	27.33	30.83	11	24.81	12.85	17.98	stickup	pvc	8/88	Environ	No
MW-11	deep	27.28	30.78	10	6.86	10.96	19.82	stickup	pvc	7/88	Environ	^
MW-12	shallow	27.62	31.01	10	24.05	11.28	19.73	stickup	pvc	8/88	Environ	No
MW-13	deep	27.63	31.16	5	2.89	10.62	20.54	stickup	pvc	7/88	Environ	^
MW-14	shallow	27.12	30.70	9	24.18	11.94	18.76	stickup	pvc	8/88	Environ	No
MW-15	deep	27.17	30.77	5	10.13	9.78	20.99	stickup	pvc	7/88	Environ	^
MW-16	shallow	26.71	29.69	5	22.14	8.72	20.97	stickup	pvc	8/88	Environ	No
MW-17	shallow	29.10	31.44	8	25.10	9.91	21.53	stickup	pvc	1/89	Environ	No
MW-18	shallow	29.04	32.23	5	25.97	9.75	22.48	stickup	pvc	8/88	Environ	No
MW-19	deep	27.30	29.08	5	7.30	7.91	21.17	stickup	pvc	1/89	Environ	^
MW-20	shallow	28.50	27.95	5	13.50	5.56	22.39	flush	pvc	11/90	Heritage	Yes
MW-21	shallow	28.80	30.67	10	25.80	9.22	21.45	stickup	pvc	9/90	Heritage	No
MW-22	shallow	28.73	28.45	5	25.73	6.41	22.04	flush	pvc	12/90	Heritage	No
MW-23	shallow	27.83	27.51	5	22.83	5.38	22.13	flush	pvc	11/90	Heritage	No
MW-24	shallow	26.93	26.51	5	21.93	4.90	21.61	flush	pvc	11/90	Heritage	No
MW-25	shallow	26.47	26.03	10	23.47	7.79	18.24	flush	pvc	9/90	Heritage	No

TABLE II
WELL CONSTRUCTION DATA
HEXCEL FACILITY
LODI, NEW JERSEY

-All measurements in feet -
-All elevations in feet (NGVD)

Well ID	Type	Ground Elevation	Elevation Top of Casing	Length of Screen	Elevation Top of Screen	Depth to Water (1/6/98)	Water Elevation	Well Construction		Installation		Water Table Elv. > Top of Screen Elv.
								Type	Casing	Date	By	
MW Series (continued):												
MW-26	(a)	29.26	28.85	2	12.26	8.18	20.67	flush	2" pvc	12/90	Heritage	(b)
MW-27	shallow	29.10	31.43	5	24.10	7.65	23.78	stickup	pvc	9/90	Heritage	No
MW-28	shallow	27.50	29.68	10	24.50	11.07	18.61	stickup	pvc	9/90	Heritage	No
MW-29	shallow	27.50	27.32	5	22.50	5.17	22.15	flush	pvc	2/91	Heritage	No
MW-30	shallow	28.25	28.08	5	22.25	5.89	22.19	flush	pvc	2/91	Heritage	No
MW-31	shallow	28.33	27.95	5	22.33	5.69	22.26	flush	pvc	2/91	Heritage	No
MW-32B	shallow	29.00	31.23	6	26.13	8.17	23.06	stickup	pvc	11/97	H&A	No
MW-33	shallow	U	31.72	10	U	10.31	21.41	stickup	pvc	4/92	Heritage	U
PB Series:												
PB-1	shallow	17.46	21.78	1	16.46	N/A	N/A	stickup	2" g.steel	6/95	GEO	N/A
PB-2	shallow	17.50	21.25	1	16.70	1.34	19.91	stickup	2" g.steel	6/95	GEO	Yes
PB-4	shallow	17.52	21.52	1	16.72	1.86	19.66	stickup	2" g.steel	6/95	GEO	Yes

NOTES: Refer to "Table 2: Summary of Well Construction Data " provided in Appendix B of Progress Report dated July 31, 1995 for the list of sources used for compiling this table.

All measurements of depths are from the top of casing unless otherwise noted.

N/A: Well was inaccessible on the day of quarterly monitoring.

NI: Well not included in the quarterly monitoring.

U: Unknown.

*: All wells 4" diameter unless otherwise noted.

^: Well is screened in the confined aquifer, therefore, the question is not applicable.

(a): Ground water elevation data from MW-26 have been excluded from both shallow and deep aquifer contours; refer to Section 1a of the April 1996 Report for details.

Contour Map Reporting Form

Site Name: Hexcel Facility, Lodi, NJ
Project No.: 94039

Figure No.: 1
Water levels taken on 1/6/98

1. Did any surveyed well casing elevations change from the previous sampling event? ☐Yes
   If yes, attach new "Well Certification -Form B" and identify the reason for the elevation change (damage to casing, installation of recovery system in monitoring well, etc.) ☑No

2. Are there any monitor wells in unconfined aquifers in which the water table elevation is higher than the top of the well screen? If yes, identify these wells. ☑Yes ☐No

   Monitor wells for which the water table elevations are higher than the top of the well screen are identified in ***Table II: Well Construction Data*** *provided in Appendix A.*

3. Are there any monitor wells present at the site but omitted from the contour map? Unless the omission of the well(s) has been previously approved by the Department, justify the omissions. ☑Yes ☐No

   Quarterly ground water elevation monitoring plan approved by NJDEP in its June 12, 1995 letter. For information on additional omissions, please refer to Figure 1 and Table 1.

4. Are there any monitor wells containing separate phase product during this measuring event? ☑Yes ☐No

   Note: *Although the product-interface probe did not register presence of product, visual observation of the probe indicated presence of product (LNAPL or DNAPL).*

   Were any of the monitor wells with separate phase product included in the ground water contour map? ☑Yes ☐No
   If yes, show the formula used to correct the water table elevation.

   See above note.

5. Has the ground water flow direction changed more than 45 degrees from the previous ground water contour map? ☐Yes ☑No
   If yes, discuss the reasons for the change.

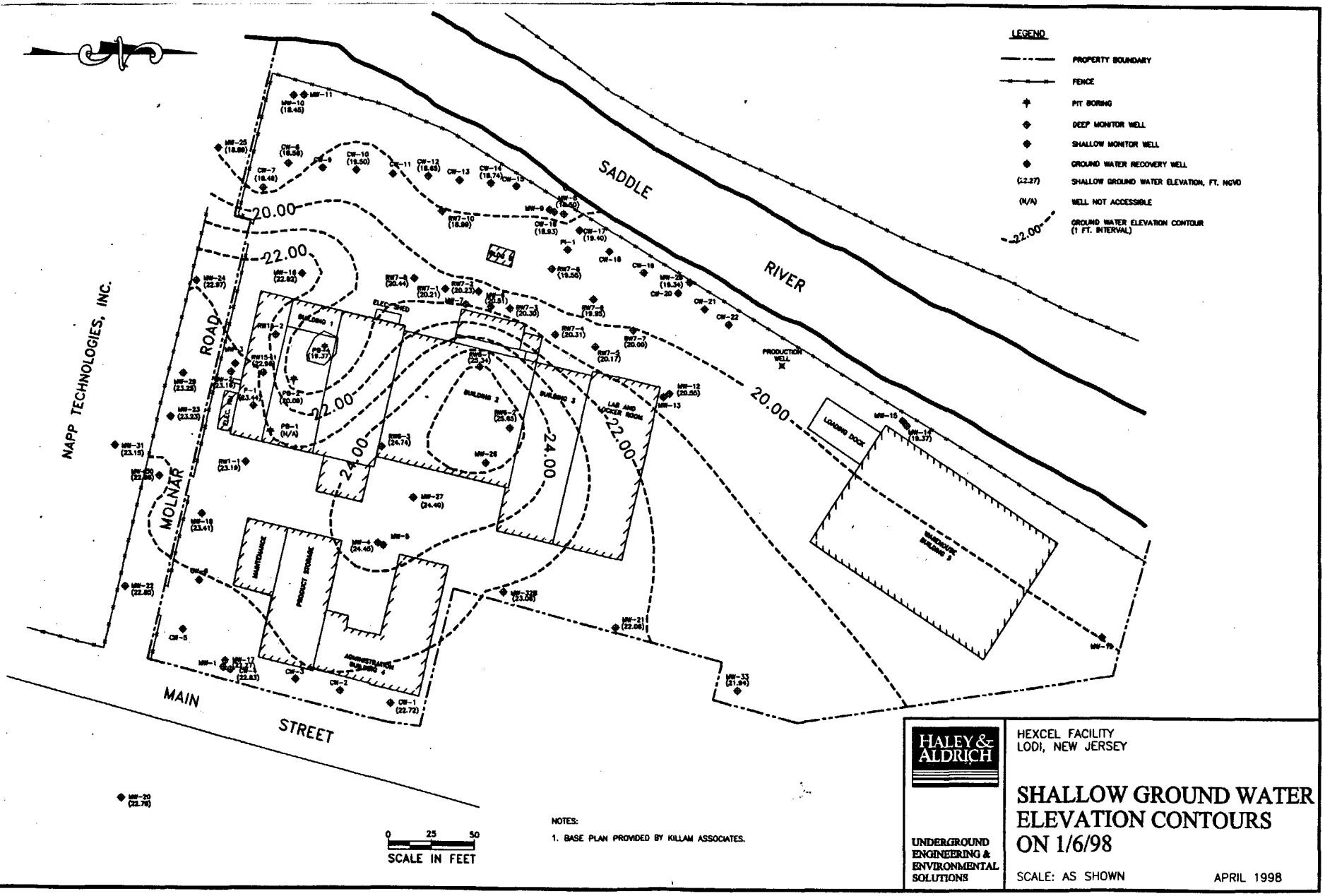
6. Has ground water mounding and/or depressions been identified in the ground water contour map? ☑Yes ☐No
   Unless the ground water mounds and/or depressions are caused by the ground water remediation system, discuss the reasons for this occurrence.

   It is not known why mounding occurs in the vicinity of building 2.

7. Are all the wells used in the contour map screened in the same water-bearing zone? ☑Yes ☐No
   If no, justify inclusion of those wells.

8. Were the ground water contours
   ☑ computer generated, ☐ computer aided, or ☐ hand-drawn?
   If computer aided or generated, identify the interpolation method(s) used.

   Kriging Routine



882360019

FILE: APR98 94039

HALEY & ALDRICH

UNDERGROUND ENGINEERING & ENVIRONMENTAL SOLUTIONS

HEXCEL FACILITY
LODI, NEW JERSEY

SHALLOW GROUND WATER ELEVATION CONTOURS ON 1/6/98

SCALE: AS SHOWN

APRIL 1998

FIGURE 1

Contour Map Reporting Form

Site Name: Hexcel Facility, Lodi, NJ
Project No.: 94039

Figure No.: 2
Water levels taken on 1/6/98

1. Did any surveyed well casing elevations change from the previous sampling event? ☐Yes ☑No
   If yes, attach new "Well Certification -Form B" and identify the reason for the elevation change (damage to casing, installation of recovery system in monitoring well, etc.)

2. Are there any monitor wells in unconfined aquifers in which the water table elevation is higher than the top of the well screen? If yes, identify these wells. ☐Yes ☑No

   Not applicable because confined aquifer.

3. Are there any monitor wells present at the site but omitted from the contour map? Unless the omission of the well(s) has been previously approved by the Department, justify the omissions. ☐Yes ☑No

4. Are there any monitor wells containing separate phase product during this measuring event? ☐Yes ☑No

   Were any of the monitor wells with separate phase product included in the ground water contour map? ☐Yes ☑No
   If yes, show the formula used to correct the water table elevation.

5. Has the ground water flow direction changed more than 45 degrees from the previous ground water contour map? ☐Yes ☑No
   If yes, discuss the reasons for the change.

6. Has ground water mounding and/or depressions been identified in the ground water contour map? ☐Yes ☑No
   Unless the ground water mounds and/or depressions are caused by the ground water remediation system, discuss the reasons for this occurrence.

Site Name: Hexcel Facility, Lodi, NJ
Project No.:94039

Figure No.: 2
Water levels taken on 1/6/98

7. Are all the wells used in the contour map screened in the same water-bearing zone? ☑ Yes ☐ No
   If no, justify inclusion of those wells.

8. Were the ground water contours
   ☑ computer generated, ☐ computer aided, or ☐ hand-drawn?
   If computer aided or generated, identify the interpolation method(s) used.

   Kriging Routine

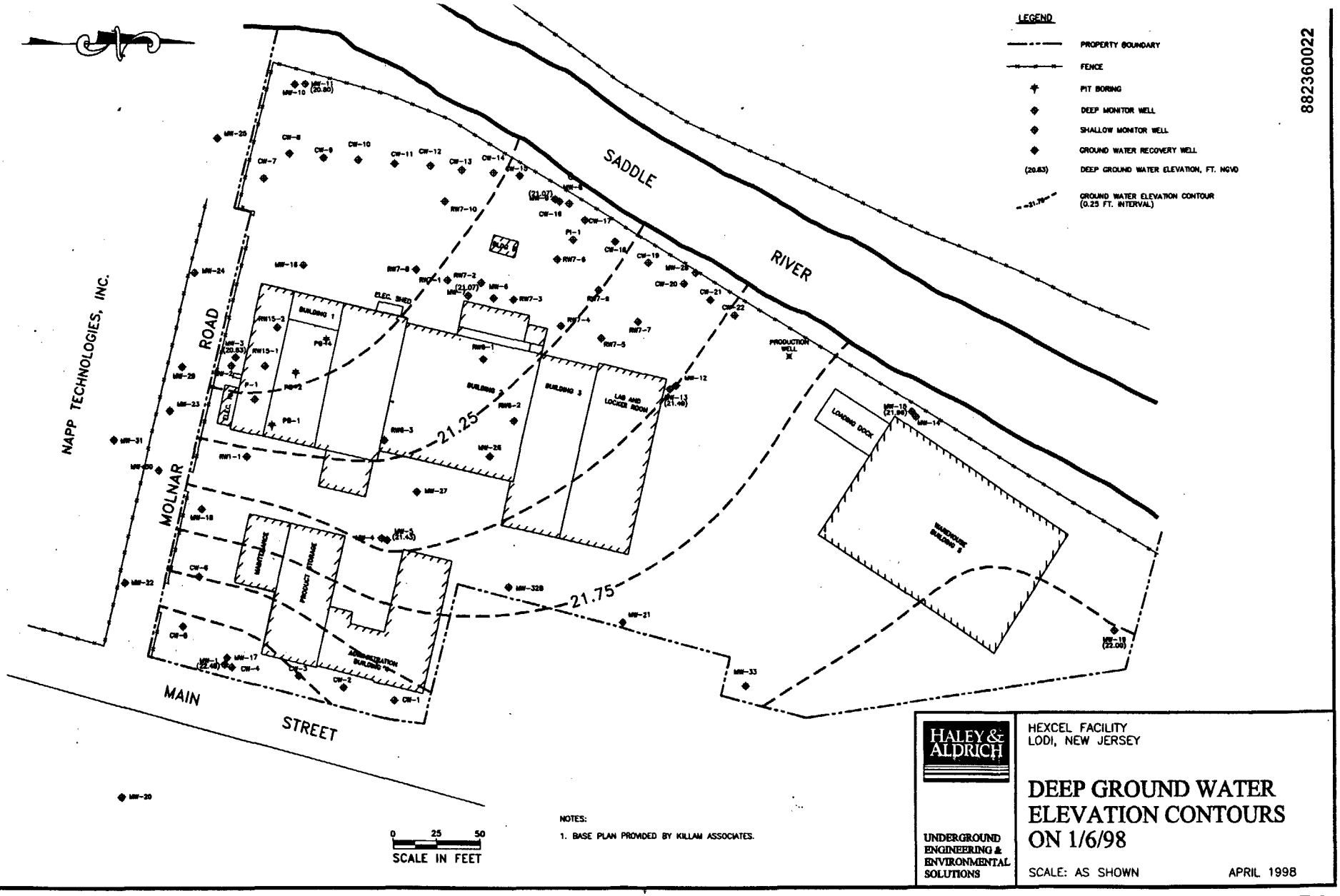

LEGEND
PROPERTY BOUNDARY
FENCE
PIT BORING
DEEP MONITOR WELL
SHALLOW MONITOR WELL
GROUND WATER RECOVERY WELL
(20.83) DEEP GROUND WATER ELEVATION, FT. NGVD
GROUND WATER ELEVATION CONTOUR (0.25 FT. INTERVAL)
882360022
SADDLE
RIVER
NAPP TECHNOLOGIES, INC.
MOLNAR
ROAD
MAIN
STREET
21.25
21.75
BUILDING 1
BUILDING 2
BUILDING 3
ELEC. SHED
LAB AND LOCKER ROOM
LOADING DOCK
PRODUCTION WELL
WAREHOUSE BUILDING 5
MAINTENANCE
PRODUCT STORAGE
0 25 50
SCALE IN FEET
NOTES:
1. BASE PLAN PROVIDED BY KILLAM ASSOCIATES.
HALEY & ALDRICH
UNDERGROUND ENGINEERING & ENVIRONMENTAL SOLUTIONS
HEXCEL FACILITY
LODI, NEW JERSEY
DEEP GROUND WATER ELEVATION CONTOURS ON 1/6/98
SCALE: AS SHOWN
APRIL 1998
FILE: APR98 94039

FIGURE 2

Appendix B

Certification Forms for Well MW-32B

MONITORING WELL CERTIFICATION - FORM A - AS-BUILT CERTIFICATION

Name of Owner: HEXCEL CORPORATION

Name of Facility: HEXCEL FACILITY

Location: 205 Main Street, Lodi, Bergen County, NJ

UST Registration No.: Not Applicable ISRA Case No.: 86009

CERTIFICATION

Well Permit Number: 26-49151 Owner's Well Number: MW-32B

Well Completion Date: 11/18/97 Lithologic Log: Attached

Distance from Top of PVC Casing (cap off) to ground surface (one-hundredth of a foot):	2.23
Total Depth of Well to the nearest 1/2 foot:	8.87 (from ground surface)
Depth to Top of Screen (or Top of Open Hole) From Top of PVC Casing (one-hundredth of a foot):	5.10
Screen Length (or length of open hole) in feet:	6
Screen or Slot Size:	10
Screen or Slot Material:	PVC
Casing Material: (PVC, Steel or Other-Specify):	PVC
Casing Diameter (inches):	4
Static Water Level From Top of PVC Casing at the Time of Installation (one-hundredth of a foot):	7.00
Yield (gallons per minute):	0.5
Development Technique (specify):	Pump
Length of Time Well is Developed/Pumped or Bailed:	Hours 30 Minutes

Authentication

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Technical Certification:

Jeffrey L. Duncan — Signature

Name (Type or Print)

GE28969

Certification or License No.

Seal

Certification by Executive Officer or Duly Authorized Representative:

A. William Nosil — Signature — 4-24-98

Name (Type or Print) Date

Title: Corporate Environmental Engineering Manager

882360024

Boring Log & Monitor Well Construction

Client: Hexcel Corporation
Project: ISRA Case # 86009
Location: Lodi, New Jersey
Drilling Contractor: Summit Drilling
Haley & Aldrich Rep.: RMS
Surface Elevation: 29.0' NGVD
Well Permit No.: 2649151

Boring No: MW-32B
Page 1 of 1
File No.: 94039.00 T4

Date Started: 11/18/97
Date Completed: 11/18/97

Sample No.	Sample Recovery	Blows /12"	Depth (Feet) / Well Info	Soil Type	Soil Description
			Ground Surface 0		First 1' augered through. Top 2": Black Asphalt. Next 10": Gray coarse to medium Gravel; base course.
1	13"	9		FILL	Brown, loose, fine SAND, little Silt.
2	12"	36			Top 6": Same as above. Bottom 6": Red-Brown Siltstone; possible cobble in fill.
3	14"	47	5		Top 3": Brown, dense, fine SAND, little Silt; moist. Bottom 11": Brown-Black, dense, coarse to fine SAND, some Silt, little fine Gravel; moist.
4	18"	30		SP	Top 10": Brown-Black, dense, coarse to fine SAND, some Silt, trace medium to fine Gravel; wet.
				ML	Bottom 8": Brown SILT; wet. Boring terminated at 9' - Silt layer.
			10		
			15		

Monitor Well Construction Details: See Attached Symbol Legend

Well Depth: 9.0'
Well Diameter: 4" dia. **Borehole Diameter:** 8"
Solid Riser Length:5.0' **Solid Riser Type:** Sch 40 PVC
Screen Length: 6.0' **Screen Type:** 010 Slot Sch 40 PVC
Gravel Pack Depth: 2 - 9' **Gravel Pack Type:** Morie #01
Grout Depth: 1-2' **Grout Type:** Bentonite Powder
Grout Depth: 0-1' **Grout Type:** Cement
Stick up well with 2' of riser above ground with protective casing

Sampler Type: ASTM Split Spoon

Sample Recovered
No Recovery
Water level

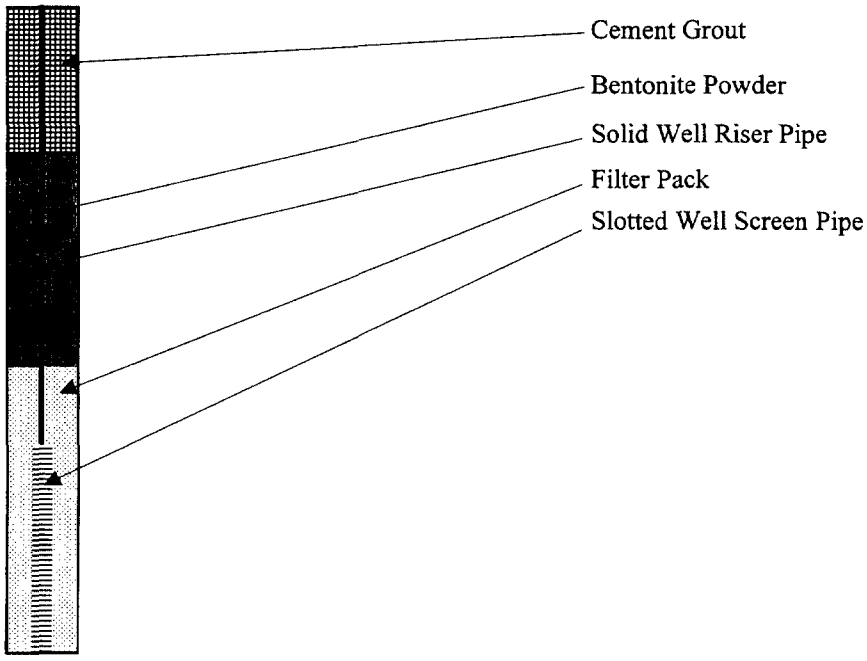
Boring Method: Hollow Stem Auger, 2-1/2" ID For Boring
Air Rotary, 8" OD For Well Installation

882360025

HALEY& ALDRICH

Monitor Well Construction Symbol Legend

Monitor Well



THIS FORM MUST BE COMPLETED BY THE PERMITTEE OR HIS/HER AGENT

GROUND WATER MONITORING WELL CERTIFICATION - FORM B - LOCATION CERTIFICATION

Name of Permittee: HEXCEL CORPORATION

Name of Facility: FORMER HEXCEL FACILITY

Location: 205 MAIN STREET, LODI BOROUGH, BERGEN COUNTY, N.J.

NJPDES Number: _____

LAND SURVEYOR'S CERTIFICATION

Well Permit Number (As assigned by NJDEP's Water Allocation Section, 609-984-6831): This number must be permanently affixed to the well casing. _____

Longitude (one-hundredth of a second): West 74°05'03.59" (1983)

Latitude (one hundredth of a second): North 40°52'52.34" (1983)

Elevation of Top of Casing (cap off) (one-hundredth of a foot): 32.53' (1929)

Elevation of Top of PVC or Collar (cap off) (one-hundredth of a foot): 31.23' (1929)

Owners Well Number (As shown on the application or plans): MW-32B

Bench Mark N.J.G.C.S. DISK MON. #9890 Elevation 26.910' (1929)

AUTHENTICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

Gerald G. DeGroat 3/23/98
LICENSED LAND SURVEYOR'S SIGNATURE

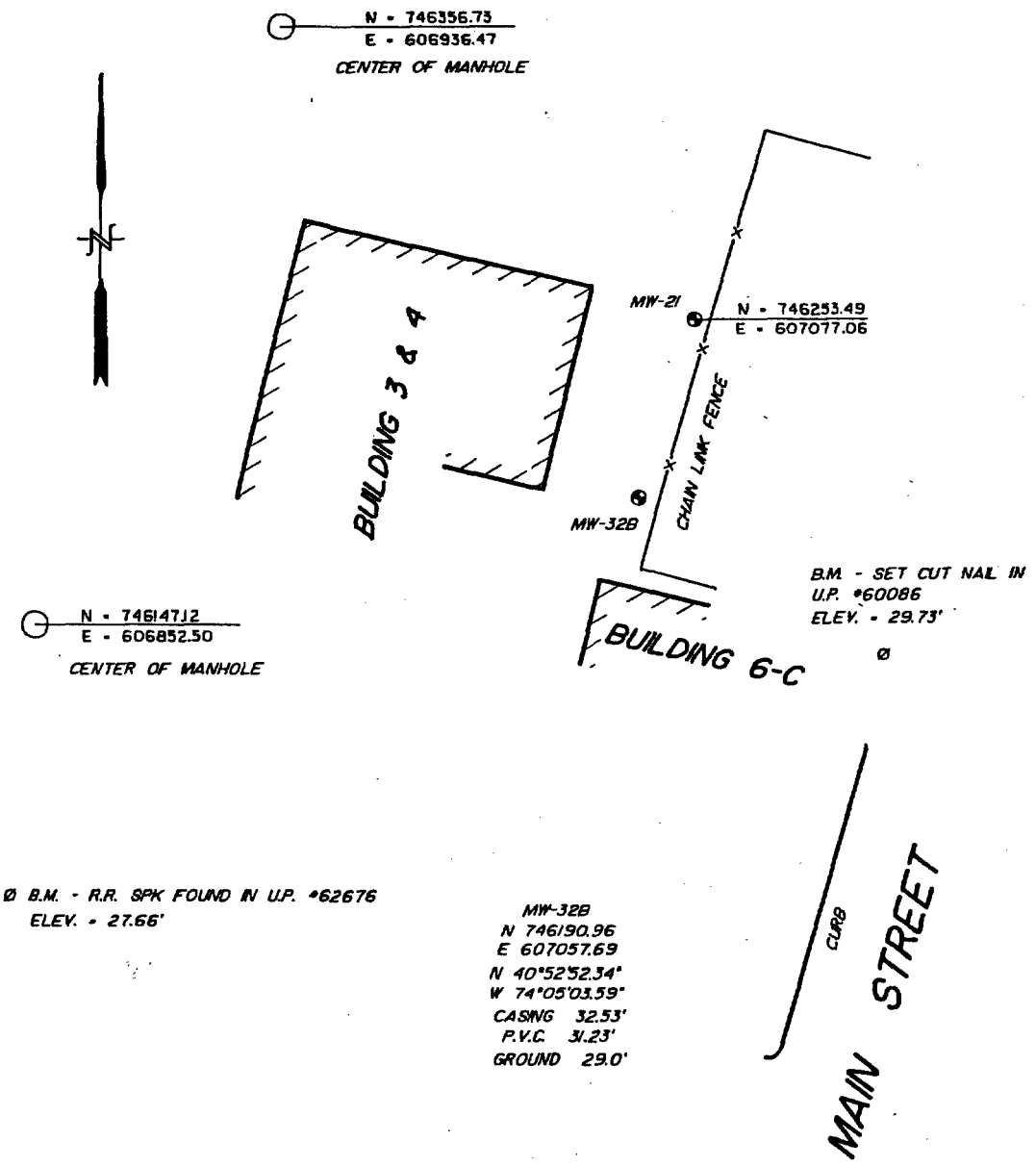
Gerald G. DeGroat, L.S.
LICENSED LAND SURVEYOR'S NAME
(Please print or type)

SEAL

N.J. L.S. NO. 26791
LAND SURVEYOR'S LICENSE #

90 WHERLI ROAD, LONG VALLEY, N.J. 07853
(908) 852-5039

882360027



Ø B.M. - R.R. SPK FOUND IN U.P. #62676
ELEV. = 27.66'

MW-32B
N 746190.96
E 607057.69
N 40°52'52.34"
W 74°05'03.59"
CASING 32.53'
P.V.C. 31.23'
GROUND 29.0'

NOTE : TO CONVERT ELEVATIONS TO N.A.V.D. 1988
SUBTRACT 1.00' (NGS VERTCON VERSION 2.0)
TO CONVERT POSITIONS TO N.A.D. 1927
LATITUDE - 0°00'00.36"
LONGITUDE + 0°00'01.49"
(NGS NADCON VERSION 2.10)

BENCH MARK - N.J.G.C.S. DISK 9890
ELEVATION 26.910' (N.G.V.D. 1929)
HORIZONTAL DATUM - N.J. STATE PLANE
COORDINATE SYSTEM (N.A.D. 1983)

PLOTTING
BOROUGH OF LODI
BERGEN COUNTY, NEW JERSEY
GERALD G. DEGROAT L.S.
SCHOOLEY'S MOUNTAIN, NEW JERSEY 07870
N.J. L.S. NO. 26791
SCALE 1" = 50'
MARCH 23, 1998

882360028

Appendix C

Monthly Monitoring

Table III: Monthly Water Level/Product Thickness Measurements for February 1998

Table IV: Monthly Water Level/Product Thickness Measurements for March 1998

TABLE III

MONTHLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS FOR FEBRUARY 1998
HEXCEL FACILITY
LODI, NEW JERSEY

-All measurements in feet -
-All elevations in feet (NGVD)-

MEASUREMENTS COLLECTED : 2/19/98

Well ID	Type	Depth to Water	Depth to Product		Product Thickness	Depth to Bottom	Elevation Top of Casing	Water Elevation	Comments
			DNAPL	LNAPL					
CW-7	shallow	6.86	--	--	--	14.00	26.13	19.27	
CW-12	shallow	6.42	--	--	--	13.98	25.71	19.29	Product on probe (DNAPL)**
CW-16	shallow	6.72	--	--	--	13.94	26.45	19.73	Product on probe (DNAPL)**
MW-6	shallow	10.05	--	--	--	18.38	30.74	20.69	Product on probe (DNAPL)**
MW-8	shallow	10.86	--	--	--	17.34	30.26	19.40	Product on probe (DNAPL)**
RW6-1	shallow	3.24	--	--	--	13.75	28.84	25.60	Product on probe (DNAPL)**
RW7-1	shallow	5.65	--	--	--	16.58	26.25	20.60	Product on probe (DNAPL)**
RW7-4	shallow	6.43	--	--	--	19.05	27.11	20.68	Product on probe (DNAPL)**
PB-1	shallow	4.35	--	--	--	NM	21.78	17.43	Sediment on probe
PB-2	shallow	0.95	--	--	--	5.82	21.25	20.30	Product on probe (DNAPL)**

NOTES:

All measurements of depths are from the top of casing unless otherwise noted.

Many of the wells have accumulated sediment which results in slight fluctuations in the measurements of depth to bottom.

--: Not detected by product interface meter.

*: In wells with LNAPL, water levels are corrected using the equation: DTW (corrected) = DTW (measured) - (Product thickness * specific gravity).

Specific gravity of 0.88 used for water level correction (petroleum lubricating oil).

**: Though the product-interface meter did not register presence of product in the well, product was observed on the probe.

NM: Depth to bottom could not be measured due to sediment in the well.

TABLE IV

MONTHLY WATER LEVEL/PRODUCT THICKNESS MEASUREMENTS FOR MARCH 1998
HEXCEL FACILITY
LODI, NEW JERSEY

-All measurements in feet -
-All elevations in feet (NGVD)-

MEASUREMENTS COLLECTED : 3/3/98

Well ID	Type	Depth to Water	Depth to Product		Product Thickness	Depth to Bottom	Elevation Top of Casing	Water Elevation	Comments
			DNAPL	LNAPL					
CW-7	shallow	6.92	--	--	--	14.91	26.13	19.21	
CW-12	shallow	6.68	--	--	--	13.98	25.71	19.03	Product on probe (DNAPL)**
CW-16	shallow	7.05	--	--	--	13.94	26.45	19.40	Product on probe (DNAPL)**
MW-6	shallow	9.98	17.92	--	0.42	18.34	30.74	20.76	Product on probe (DNAPL)**
MW-8	shallow	11.21	--	--	--	17.36	30.26	19.05	Product on probe (DNAPL)**
RW6-1	shallow	3.12	--	--	--	13.75	28.84	25.72	Product on probe (DNAPL)**
RW7-1	shallow	5.65	--	--	--	16.54	26.25	20.60	Product on probe (DNAPL)**
RW7-4	shallow	6.49	--	--	--	19.08	27.11	20.62	Product on probe (DNAPL)**
PB-1	shallow	NM	--	--	--	NM	21.78	NM	Sediment on probe
PB-2	shallow	0.82	--	--	--	5.82	21.25	20.43	Product on probe (DNAPL)**

NOTES:

All measurements of depths are from the top of casing unless otherwise noted.

Many of the wells have accumulated sediment which results in slight fluctuations in the measurements of depth to bottom.

--: Not detected by product interface meter.

*: In wells with LNAPL, water levels are corrected using the equation: DTW (corrected) = DTW (measured) - (Product thickness * specific gravity).

Specific gravity of 0.88 used for water level correction (petroleum lubricating oil).

**: Though the product-interface meter did not register presence of product in the well, product was observed on the probe.

NM: Measurements could not be made due to sediment in the well.

Appendix D

Product Recovery

Table V: Product Collection (DNAPL) in First Quarter of 1998

Table VI: Product Collection (LNAPL) in First Quarter of 1998

TABLE V

PRODUCT COLLECTION (DNAPL) IN FIRST QUARTER OF 1998
HEXCEL FACILITY
LODI, NEW JERSEY

All Quantities are Expressed in Gallons Rounded to the Nearest 0.1

DATE	MW-6 (DNAPL)	MW-8 (DNAPL)	MW-26 (DNAPL)	RW6-1 (DNAPL)	RW7-1 (DNAPL)	RW7-4 (DNAPL)	RW7-5 (DNAPL)	CW-12 (DNAPL)	CW-16 (DNAPL)	PB-2 (DNAPL)	TOTAL VOLUME RECOVERED
1/6/98 (Quaterly)	--	--	--	--	--	--	--	--	--	--	
2/24/98 (Monthly)	--	--	*	--	--	--	*	--	--	--	
3/3/98 (Monthly)	0.5	--	*	--	--	--	*	--	--	--	
3/12/98	--	*	*	*	*	*	*	*	*	*	
3/20/98	0.2	*	*	*	*	*	*	*	*	*	
3/23/98	--	*	*	*	*	*	*	*	*	*	
TOTAL VOLUME RECOVERED, Ist QUARTER, 1998	0.7	--	--	--	--	--	--	--	--	--	0.7
TOTAL VOLUME RECOVERED, 4th QUARTER 1997	0.1	--	--	--	--	--	--	--	--	--	0.1
TOTAL VOLUME RECOVERED, 10/94 - 9/97	18.6	1.0	0.4	0.1	0.3	--	--	0.7	0.7	4.6	27.2
TOTAL VOLUME RECOVERED (TOTAL SINCE 10/94)	19.4	1.0	0.4	0.1	0.3	--	--	0.7	0.7	4.6	28.0

Notes: For product recovery purposes, quantities greater than 0.1 gallons (approx. 1 cup) are considered to be "measurable". It is not practicable to separate product from mixture of water and product when quantity is less than 1 cup.

*: Well not included in the weekly product recovery program.

--: i) Well was monitored and did not indicate recoverable product or ii) no measurable amount of product was recovered either by bailing or pumping.

TABLE VI

PRODUCT COLLECTION (LNAPL) IN FIRST QUARTER OF 1998
HEXCEL FACILITY
LODI, NEW JERSEY

All Quantities are Expressed in Gallons Rounded to the Nearest 0.1

DATE	MW-6 (LNAPL)	MW-8 (LNAPL)	MW-23 (LNAPL)	RW1-1 (LNAPL)	RW 6-1 (LNAPL)	RW7-4 (LNAPL)	RW7-5 (LNAPL)	CW-7 (LNAPL)	CW-12 (LNAPL)	CW-16 (LNAPL)	MW-17 (LNAPL)	RW 15-1 (LNAPL)	TOTAL VOLUME RECOVERED
1/6/98 (Quaterly)	--	--	--	--	--	--	--	--	--	--	--	--	
2/24/98 (Monthly)	--	--	*	*	--	--	*	--	--	--	*	*	
3/3/98 (Monthly)	--	--	*	*	--	--	*	--	--	--	*	*	
TOTAL VOLUME RECOVERED, Ist QUARTER, 1998	--	--	--	--	--	--	--	--	--	--	--	--	0.0
TOTAL VOLUME RECOVERED, 4th QUARTER 1997	0.2	--	--	--	--	--	--	--	--	--	--	--	0.2
TOTAL VOLUME RECOVERED, 10/94 - 9/97	6.7	--	--	--	--	--	--	2.6	--	--	--	--	9.3
TOTAL VOLUME RECOVERED (TOTAL SINCE 10/94)	6.9	--	--	--	--	--	--	2.6	--	--	--	--	9.5

Notes: For product recovery purposes, quantities greater than 0.1 gallons (approx. 1 cup) are considered to be "measurable". It is not practicable to separate product from mixture of water and product when quantity is less than 1 cup.

* Well not included in the weekly product recovery.

-- i) Monitoring did not indicate recoverable product or ii) no measurable amount of LNAPL was recovered in the absorbent pad.

Appendix E

Schedule Estimates

Table VII: Estimated Schedule of Remaining Remedial Activities

TABLE VII
ESTIMATED SCHEDULE OF REMAINING REMEDIAL ACTIVITIES
HEXCEL FACILITY
LODI, NEW JERSEY

TASK DESCRIPTION	1998 1	2	3	4	5	6	7	8	9	10	11	12
GROUND WATER REMEDIATION												
DNAPL/LNAPL recovery (temporary)												
Recover water from basement of Bldg. 1												
Reevaluate ground water remedial plans *												
Prep. design proposal for recov. sys. *												
NJDEP review of design proposal *												
Install permanent recovery system *												
Operate and maintain recovery system *												
CLEANING OF SEWER LINE												
Cleanout/abandonment of sewer line *												
Collect samples (and lab. analysis) *												
Disposal of sludge/debris *												
SOIL REMEDIATION												
Reevaluate soil remedial plans *												
SEDIMENT SAMPLING												
Reevaluate need for additional sampling *												
REPORTING												
Prepare quarterly progress reports												
Prepare final report *												
NJDEP review and site inspection *												
Case closure *												

* Timing is dependent on availability of regional information.